

FILE NOTATIONS

Entered in NED File ✓
Location Map Planned ✓
and Indexed ✓

Checked by Chief
Approval Letter
Disapproval Letter

P.W.B.
5-3-74

COMPLETION DATA:

Date Well Completed ~~7-3-74~~

OW..... WW..... TA.....

GW..... OS..... PA..... ~~7-3-74~~

Location Inspected

Bond released

State or Fee Land

LOGS FILED

Driller's Log..... ~~7-3-74~~

Electric Logs (No.) ~~7-3-74~~

E..... I..... Dual I Lat..... GR-N..... Micro.....

PHC Sonic CR..... Lat..... MI-L..... Sonic.....

CBLog..... GCLog..... Others.....

Gulf Oil Company - U.S.

PRODUCTION DEPARTMENT

HOBBS AREA

April 24, 1974

C. D. Borland
AREA PRODUCTION MANAGER

P. O. Box 670
Hobbs, New Mexico 88240

United States Geological Survey
P. O. Box 959
Farmington, NM 87401

Gentlemen:

The surface development plan for the proposed Navajo "JI" No. 1 is as follows:

1. Existing Roads - See attached map.
2. Planned Access Road - See attached map.
3. Location of Existing Wells - None in immediate area.
4. Lateral Roads to Well Location - None in area. See attached map.
5. Location of Tank Batteries and Flow Lines - None in area. Battery to be installed on location if well is productive.
6. Location and Types of Water Supply - San Juan River to be used as water supply. See attached map.
7. Methods for Handling Waste Disposal - Trash to be burned and debris to be buried after completion of drilling.
8. Location of Camps - None in area or planned.
9. Location of Airstrips - None in area.
10. Location Layout - See attached drawing.
11. Plans for Surface Restoration - Fill and level reserve pit. If dry hole, clean up and restore roads and location as specified by U.S.G.S.
12. Other Pertinent Information - Location on rocky, barren surface with sparse, scattered vegetation.
Gulf Representative: K. L. Collins, Area Drilling Superintendent, Telephone 393-4121, Hobbs, New Mexico.

Yours very truly,



C. D. BORLAND

KLC:ec

cc: Navajo Indian Agency, Window Rock, Arizona 86515



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO.		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribe		
2. NAME OF OPERATOR Gulf Oil Corporation			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR Box 670, Hobbs, New Mexico 88240			8. FARM OR LEASE NAME Navajo JI		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FSL & 760' FEL, Section 1, 43-S, 25-E At proposed prod. zone			9. WELL NO. 1		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* C 5.6 SE			10. FIELD AND POOL, OR WILDCAT Wildcat		
13. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec 1, 43-S, 25-E		
16. NO. OF ACRES IN LEASE 1920			12. COUNTY OR PARISH San Juan		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE Utah		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			20. ROTARY OR CABLE TOOLS Rotary		
19. PROPOSED DEPTH 5900'			22. APPROX. DATE WORK WILL START* May 10, 1974		
21. ELEVATIONS (Show whether DF, RT, GR, etc.)					

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48# H-40	300' ✓	Circulate ✓
11"	8-5/8"	32.30# H-40	1500' ✓	100 sacks ✓
7-7/8"	5-1/2"	14# K-55	5900'	300 sacks

BOP: See attached drawing No. 3

Mud Program: 0' to 300' spud mud; 300' to 1500' fresh water with gel and LCM; 1500' to TD fresh water gel.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED W. B. Borland TITLE Area Production Manager DATE April 24, 1974

(This space for Federal or State office use)

PERMIT NO. 43-037-30171 APPROVAL DATE _____APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

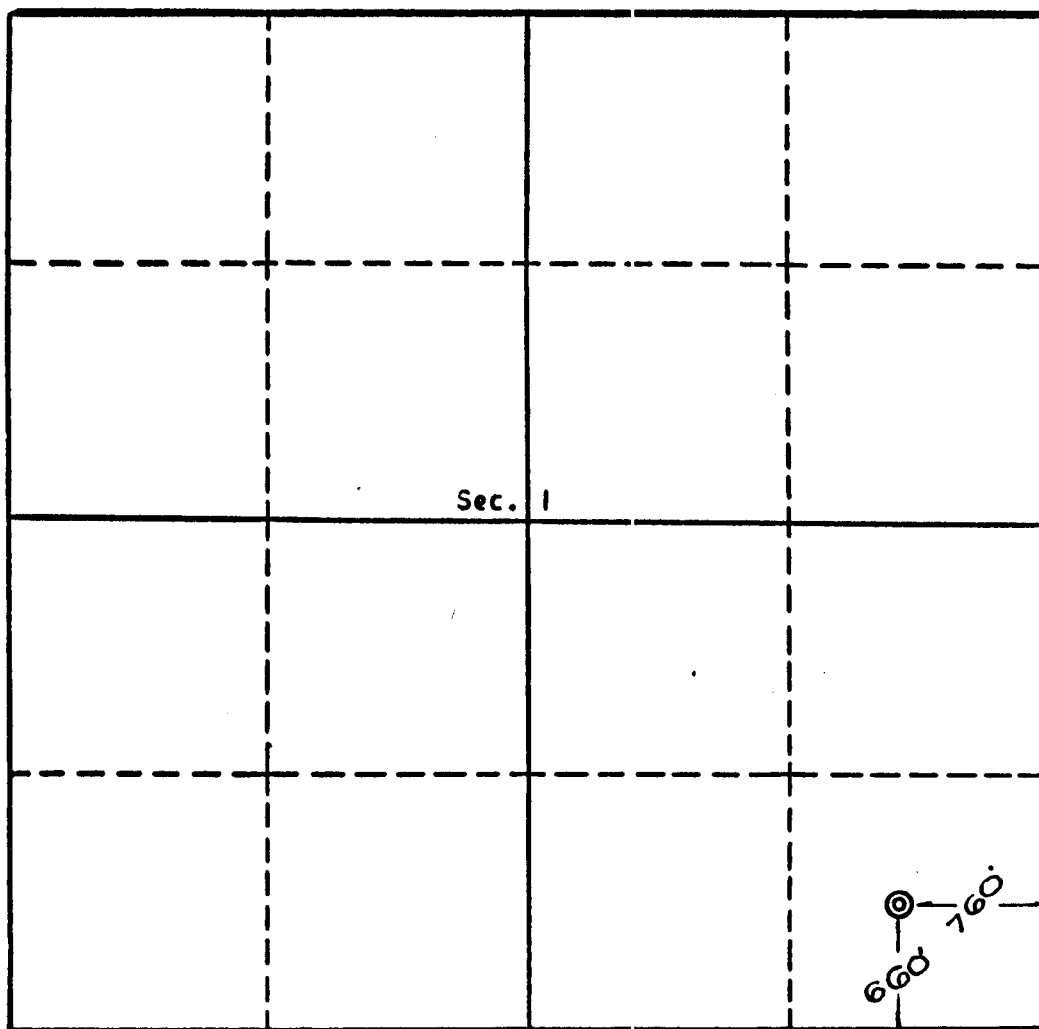
Company Gulf Oil Corporation

Well Name & No. Navajo II, Well No. 1

Location 660 feet from the South line and 760 feet from the East line.

Sec. 1, T. 43 S., R. 25 E., S. L. M., County San Juan, Utah

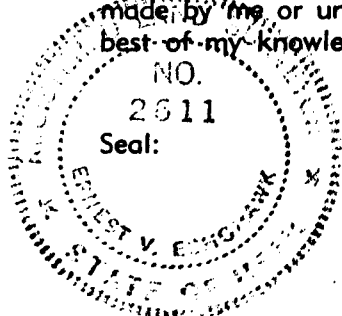
Ground Elevation 4835



Scale, 1 inch = 1,000 feet

Surveyed March 4, 1974

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



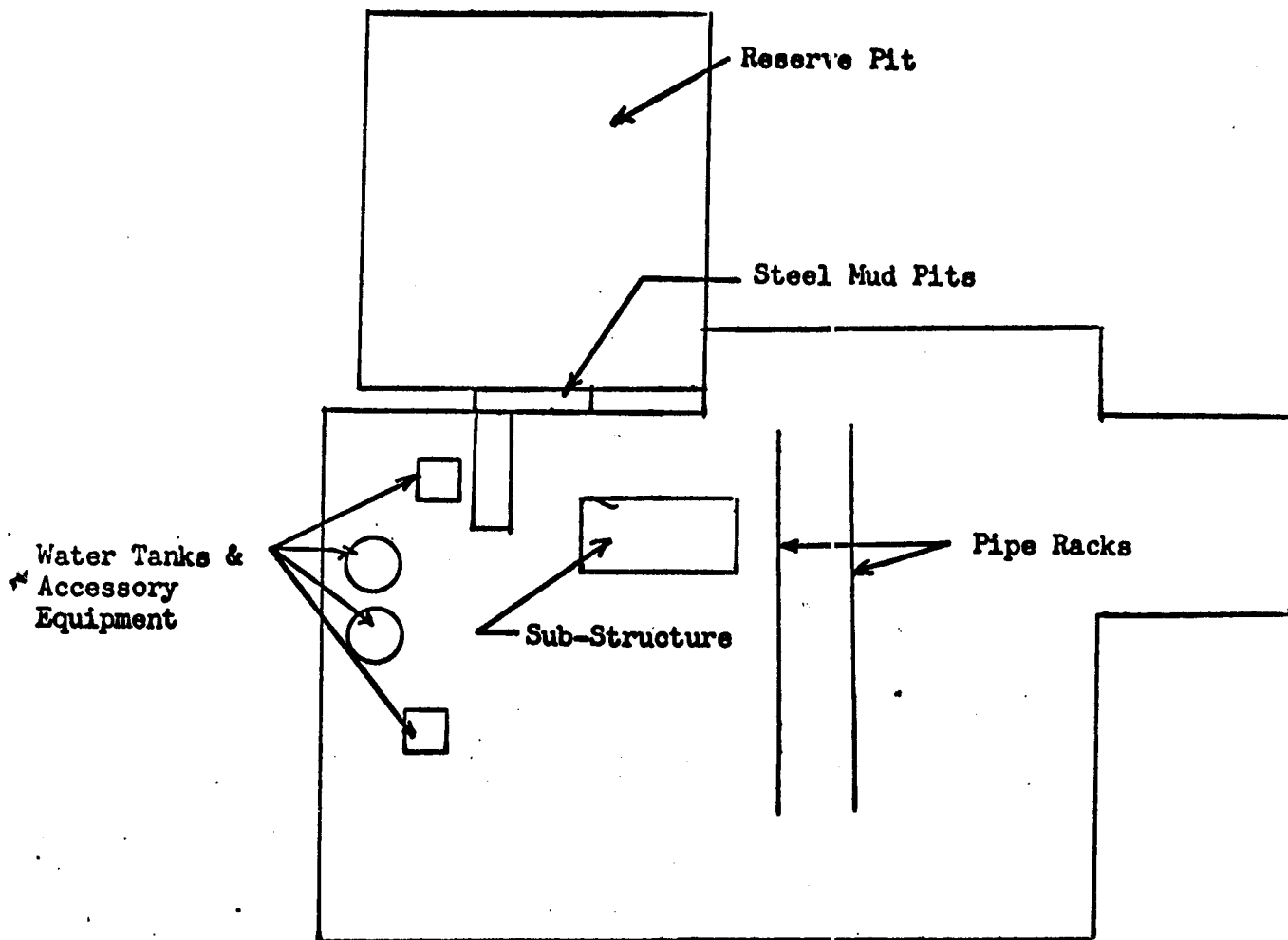
Ernest V. Echohawk

Ernest V. Echohawk
Registered Land Surveyor
Utah Registration No. 2611

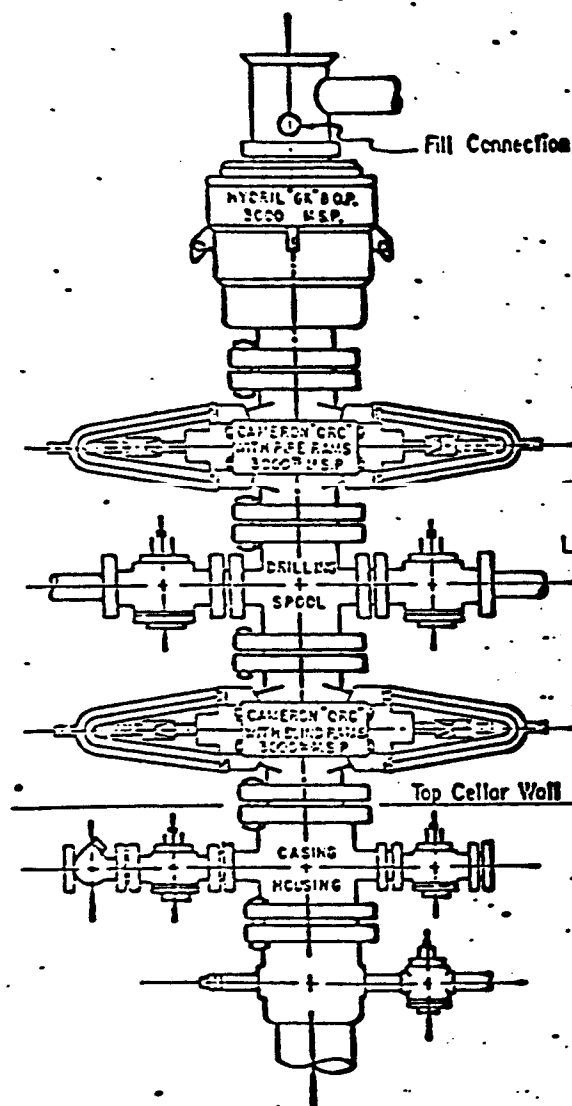
NAVAJO "JI" #1

LOCATION LAYOUT

GULF OIL CORPORATION



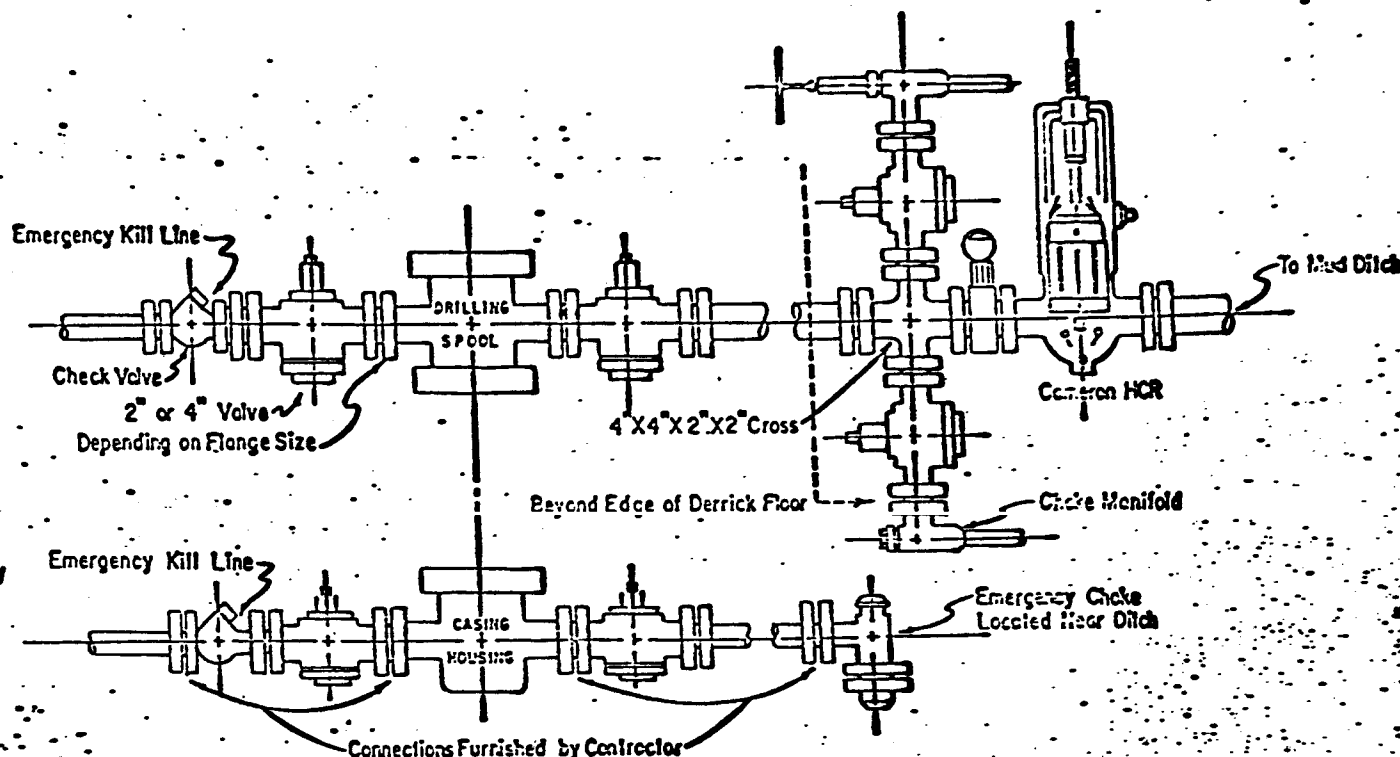
Scale: 1" = 50'



3,000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP

Series 900 Flanges, or Better

See Detail of 4" Flow
Line and Choke Assembly



3,000 PSI WORKING PRESSURE
KILL, CHOK, AND FILL CONNECTIONS

API Series 900 Flanges or Better

DETAIL OF 4" FLOW LINE CHOKE ASSEMBLY

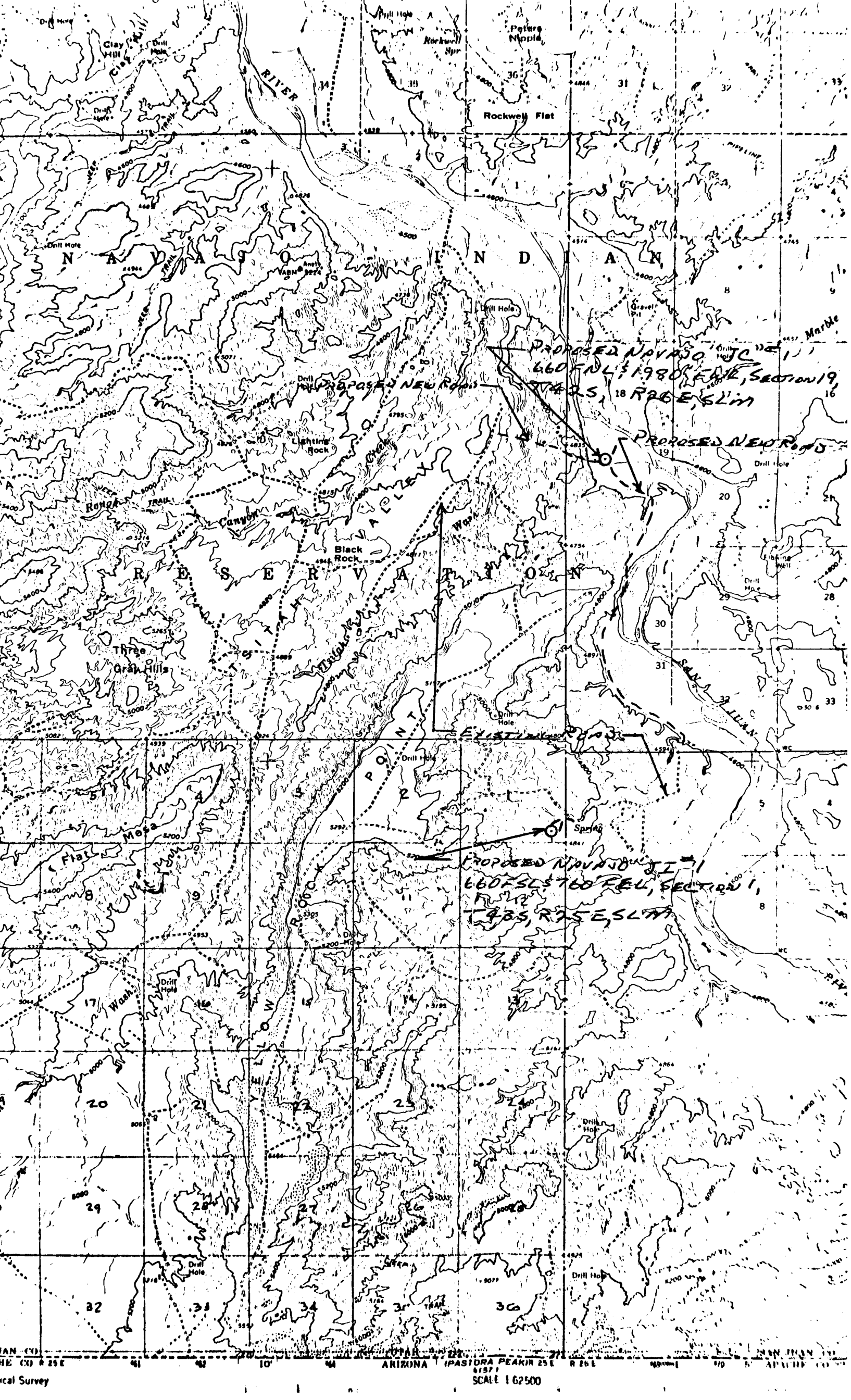
Minimum assembly for 3000 PSI working pressure will consist of three preventers. The bottom and middle preventers may be Cameron ORC, Cameron Type F single or Shaffer Hydraulic single, and the upper will be Hydril GK. In lieu of the drilling spool, the flanged outlets from the Cameron Type F single open face flanged preventer, provided the outlets are the correct size, may be used for the four-inch flow line and the two-inch kill line.

Size 12-inch preventers may be used for work down through 8-5/8-inch casing. Size 10-inch preventers may be used for work down through 7-5/8-inch casing. Size six-inch preventers are to be used for work through 7-inch and 5-1/2-inch casings.

Minimum operating equipment for the preventers will be: (1) An air operated pump and (2) An accumulator(s) with some means of obtaining a fluid charge. A closed fluid system is recommended. The closing manifold and remote closing manifold will have a separate four-way valve for each pressure operated device and a Hydril regulator will be provided. Sufficient fluid capacity in the accumulator(s) shall be available to close all the pressure operated devices at the same time with 25 per cent reserve. Gulf No. 561 hydraulic oil shall be used as the operating fluid.

The four-inch flow line from the preventers shall be supported by a metal stand or reinforced concrete. All valves throughout the assembly shall be selected for operation in both gas and fluids.

The rom type preventers and the Cameron HCR valve will be provided with stem extensions, universal joints, if needed, and operating wheels.



GEORGE H. NEWELL

REGISTERED LAND SURVEYOR

P. O. BOX 356

MOAB, UTAH 84532

TELEPHONE 253-0661

April 28, 1974

Mr. Joe Kenworthy
Keweenaw Oil Company
Tulsa, Oklahoma 74101

Dear Mr. Kenworthy,

As per our recent telephone conversation, I have made the ground locations for Keweenaw Fed. Agate #1 and Keweenaw Fed. G. R. N.

Attached hereto are six (6) copies of the Surveyors Certificate and topo sheets showing these locations.

I am also mailing a copy of these to the U. S. G. S. in Salt Lake City, Also the Utah State Oil and Gas Commission. I am mailing a copy of the Keweenaw Fed. Agate #1 to the B. L. M. office in Moab, Utah and a copy of the Keweenaw Fed. G. R. N. to the B. L. M. office in Price, Utah.

✓ You will notice that due to the terrain I had to move the Keweenaw Fed. G. R. N. to the West and South to avoid locating it on a hillside.

If I can be of any further assistance, please feel free to contact me.

Sincerely,


George H. Newell

cc: U. S. C. S. Salt Lake City, Utah.
Utah Oil & Gas Commission, Salt Lake City, Utah.
B. L. M. Moab and Price, Utah.

May 3, 1971

Gulf Oil Corporation
Box 670
Hobbs, New Mexico 88240

Re: Well No. Navajo JI - #1
Sec. 1, T. 43 S, R. 25 E,
Well No. Navajo JC - #1
Sec. 19, T. 42 S, R. 26 E,
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the General Rules and Regulations and Rules of Practice and Procedure.

It should be noted that due to the close proximity of the Navajo JC - #1 well to the San Juan River, extreme precautions should be taken during the drilling of this well.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API numbers assigned to these wells are:

JI - #1: 43-037-30171

JC - #1: 43-037-30172

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

II - Nov - San Juan C.
rel 43 S - 25 E
Ht U. S. & S. - P & A :

① 100' perf 5724 - 32

② 100' across stud at $\approx 4600 \approx$ ^{Hemora e,}
4720

③ 150' across De Chelly - 2750 - 2900

④ 100' across 8 $\frac{5}{8}$ corey 1483

⑤ 50' surf/make/mud.

AOK
PMB

FORM OGCC-8-X

FILE IN QUADRUPLICATE

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
348 EAST SOUTH TEMPLE
SUITE 301
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Navajo JI No. 1

Operator Gulf Oil Corporation Address Box 670, Hobbs, Phone 505-393-4121

Contractor Calvert Western Exp Co. Address N. M. 88240
2300 4th Nat Bank Bldg., Tulsa, Okla. 74119 Phone 918-582-8231

Location SE 1/4 SE 1/4 Sec. 1 T.43 N R.25 E San Juan County, Utah.
S W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. <u>Had water flow behind pipe after setting 8-5/8" casing. (2" stream).</u>			
2. _____			
3. _____			
4. _____			
5. _____			

(Continued on reverse side if necessary)

Formation Tops:

Remarks:

- NOTE:
- (a) Upon diminishing supply of forms, please inform the Commission.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
 - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

Gulf Oil Co.
Navajo J I #1
Water Analysis

660' FSL & 760' FEL

UNIT P - SEC 1 - T43E - R25E
SAN JUAN Co, UTAH

	Perforations 5716-5722		Perforations 5724-5730	
	Before Acid	After Acid	Before Acid	After Acid
Spec. Gravity	1.010	1.060	1.030	1.070
PH	11	4.9	5.8	5.4
Calcium	25000	00	00	1150
Magnesium	25000	00	1560	5700
Chlorides	2687	63575	17738	52675
Sulphates	Heavy	Tr.	Tr.	Tr.
Bi-Carbonates	391	73	171	695
Iron	00	00	Tr.	Tr.

Note: Copy to PS Hopson.

COB
9-6-74

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

NOO-C-14-20-5306

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo "JI"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 1-43S-25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

Box 670, Hobbs, N.M 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

660° FSL 760° FEL Section 1-43S-25E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

4835' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETS ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Calvert Western Drilling Company spudded 17-1/2" hole at 4:00 p.m., 7-9-74. Completed 17-1/2" hole at 309' at 10:30 p.m., 7-10-74. Ran 9 joints, 285', 13-3/8" OD 48# H-40 R-2 8 RT ST&C casing and guide shoe. Set casing at 303' and cemented with 400 sacks Class A cement with 2% CaCl2 and 1/8#/sack cellophane flakes. Plug at 271' at 3:40 a.m., 7-11-74. Circulated approximately 100 sacks cement. Maximum pump pressure 200#. Bumped plug with 300#. WOC & NU 18 hours. Tested casing with 600# for 30 minutes, held OK. Started drilling 12-1/4" hole at 309' at 11:00 a.m., 7-12-74.

18. I hereby certify that the foregoing is true and correct

SIGNED

B. J. Lanbratz

TITLE

Area Engineer

DATE

7-12-74

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

N))-C-14-20-5306

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo JJ

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 1, 43-S, 25-E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

Box 670, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

660' FSL & 760' FEL, Section 1, 43-S, 25-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

4835' GL

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETION ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5965' TD.

Drilled 7-7/8" hole to TD at 5965' on August 11, 1974. Ran 140 joints and 1 cut joint, 5949' of 5-1/2" OD 15.5# K-55 ST&C casing set and cemented at 5964' with 255 sacks of cement. WOC 8 hours. TS indicated TOC at 4660'. WOC over 48 hours. Tested casing with 1000#, 30 minutes, OK.

18. I hereby certify that the foregoing is true and correct

SIGNED

R. E. Plank

TITLE Area Engineer

DATE August 12, 1974

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

6. LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-5306

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo JI

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 1, 43-S, 25-E

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☐ OTHER ☒ Dry Hole

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

Box 670, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

660' FSL & 760' FEL, Section 1, 43-S, 25-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4835' GL

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETS ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

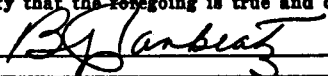
WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☒ Perforated and acidizedREPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

5965' TD, 5611' PB.

Perforated 5-1/2" casing with 4 JHPF at 5750-60'. Acidized with 500 gallons of 15% MC acid. Flushed with 25 barrels of water. Maximum pressure 2950#, minimum 2050#, ISIP 500#, after 5 minutes 0#. AIR 2 BPM. Swabbed salt water only with no show of oil. Squeezed perforations 5750-60' with 150 sacks of Class A cement. Circulated out 100 sacks, leaving 50 sacks in formation. WOC over 24 hours. Cleaned out and tested squeezed perforations with 900#, OK. Perforated 5-1/2" casing with 4 JHPF at 5716-22'. Treated new perforations with 500 gallons of 15% MC acid. Flushed with 25 barrels of water. Swabbed and tested. No indication of commercial production. Squeezed perforations 5716-22' with 100 sacks of Class A cement. Reversed out 75 sacks, leaving 25 sacks in formation. Maximum pressure 3000#. WOC 24 hours. Cleaned out to 5735'. Perforated 5-1/2" casing with 4, JHPF at 5724-30'. Treated new perforations with 500 gallons of 15% MC acid. Flushed with 25 barrels of water. Maximum pressure 2050#, minimum 300#. ISIP 0#. AIR 1 BPM. Swabbed and tested. No indication of commercial production. Squeezed perforations 5724-30' with 35 sacks of Class A cement. Pumped 20 sacks into formation, leaving 15 sacks inside 5-1/2" casing. Estimated TOC inside 5-1/2" casing at 5611'. Installed bonnet and valve. To be carried as closed in, pending further well study.

18. I hereby certify that the foregoing is true and correct

SIGNED



TITLE Area Engineer

DATE October 1, 1974

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. NOO-C-14-20-5306	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input checked="" type="checkbox"/> Dry Hole				6. IF INDIAN ALLOTTEE OR TRIBE NAME Navajo Tribe	
2. NAME OF OPERATOR Gulf Oil Corporation				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 670, Hobbs, New Mexico 88240				8. FARM OR LEASE NAME Navajo JJ	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 760' FEL, Section 1, 43-S, 25-E At top prod. interval reported below At total depth				9. WELL NO. 1	
14. PERMIT NO.				DATE ISSUED	
15. DATE STUDDERED 7-9-74				18. ELEVATIONS (DF, REB, RT, OR, ETC.)* 4835' GL	
16. DATE T.D. REACHED 8-11-74				19. ELEV. CASINGHEAD --	
17. DATE COMPL. (Ready to prod.) Dry				20. TOTAL DEPTH, MD & TVD 5965'	
21. PLUG, BACK T.D., MD & TVD 5611'				22. IF MULTIPLE COMPL., HOW MANY? None	
23. INTERVALS DRILLED BY 0-5965'				ROTARY TOOLS --	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, CDL, SWN				27. WAS WELL CORRED Yes	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
13-3/8"		48#	303'	17-1/2"	400 sacks (Circulated)
8-5/8"		24#	1483'	11"	150 sacks
5-1/2"		15.5#	5964'	7-7/8"	255 sacks
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
None					
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
None					
31. PERFORATION RECORD (Interval, size and number)					
Perforated 5-1/2" casing W/4 jumbo JHPF at 5750-60', 5716-22', 5724-30'. All perforations were squeezed.					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
5750-60'		500 gallons of 15% MC acid			
5716-22'		500 gallons of 15% MC acid.			
5724-30'		500 gallons of 15% MC acid.			
33. PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
None					Shut in
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED B. J. Barbary		TITLE Area Engineer		DATE October 4, 1974	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	DEPT. FROM DEPTH
Core #1 L. Ismay	5720'	5780'	Rec 57.5 LS	Chinle	1793'
Core #2 D. Creek	5845'	5905'	Rec 60' Anhy & Sh.	De Chelly	2840'
Core #3	5905'	5965'	Rec 60' Anhy, Dolo, LS & Sh.	Organ Rock	3040'
DST #1 U. Ismay	5634'	5675'	15 min Pre-flow, 60 min SI, 30 min FLO, 60 min FSI. Rec 25' mud, no show. FP 55# ISIP 273#, FSIP 219#, HP 3368-3368#	Hermosa	4720'
DST #2 L. Ismay	5715'	5780'	15 min Preflow, 60 min SI, 60 min SI, 60 min Flo, 121 min FSIP. Rec 91' GCM, 1183' HGCO, 330' O & GCSW. FP 790-1971#, ISIP 2078#, FSIP 2078#, HP 3328-3328#.	U. Ismay	5606'
				L. Ismay	5704'
				Desert Creek	5818'
				TD	5965'
NOTE: Had water flow behind pipe after setting 8-5/8" casing. (2" stream).					

OCT 7 1974

K 4412
P

Gulf Energy and Minerals Company - U. S.

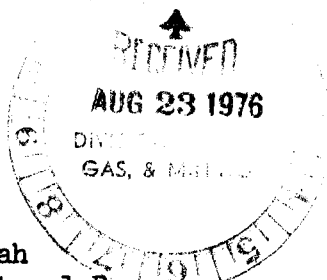
PRODUCTION DEPARTMENT

HOBBS AREA

C. D. Borland
AREA PRODUCTION MANAGER

August 19, 1976

P. O. Box 670
Hobbs, New Mexico 88240



Water Quality Analyses

State of Utah
Dept. of Natural Resources
Div. of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Mr. Cleon B. Feight, Director, Div. of Oil, Gas and Mining

Gentlemen:

In reply to your memorandum dated August 11, 1976 concerning the above-mentioned subject, please find the following attached data:

1. Produced water analysis from Gulf Oil Corporation's Navajo "JI" #1.
2. Drill stem test water analysis from Gulf Oil Corporation's Navajo "JI" #2.
3. Produced water analysis from Gulf Oil Corporation's Navajo "JI" #2.

If additional information is required, please advise.

Yours very truly,

C. D. Borland

C. D. BORLAND

GS:ec
Att'd.



A DIVISION OF GULF OIL CORPORATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-5306

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo "JI"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 1, T-43-S, R-25-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

4835' GL

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

SUBSEQUENT REPORT OF:

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIPU & RU. NU BOP's. Cut 5-1/2" casing at 4400' and recover. RT to PBD 5611'. Displace water in hole with abandonment mud. Use 12 sx cement and spot plug #1 from 4745' up to 4645' across top of Hermosa at 4720'. Use 48 sx cement and spot plug #2 from 4450' up to 4300' across 5-1/2" casing stub at 4400'. Use 92 sx cement and spot plug #3 from 2940' up to 2740' across top of DeChelly at 2840'. Use 122 sx cement and spot plug #4 from 1893' up to 1693' across top of Chinle at 1793'. Use 54 sx cement and spot plug #5 from 1533' up to 1408' across 8-5/8" casing shoe at 1483'. Use 15 sx cement and set 50' surface plug in top of 8-5/8" 24# casing. Install plate on 8-5/8" casing flange. Bull plug 13-3/8" casing outlet valve. Install dry hole marker. RD & MO. Clean and prepare location for final inspection.

18. I hereby certify that the foregoing is true and correct

SIGNED

D. T. Berlin

TITLE

Area Engineer

DATE

2-15-77

(This space for Federal or State office use)

APPROVED

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

FEB 17 1977

FEB 17 1977

P. T. McGRATH

DISTRICT ENGINEER

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-5306

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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Navajo "JI"

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Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 1, T-43-S, R-25-E

14. PERMIT NO.

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4835' GL

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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PULL OR ALTER CASING

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☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐

REPAIRING WELL

☐
☐
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: _____

BY: _____

18. I hereby certify that the foregoing is true and correct

SIGNED

D.T. Berlin

TITLE

Area Engineer

DATE

2-15-77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Gulf Energy and Minerals Company - U. S.

PRODUCTION DEPARTMENT
HOBBS AREA

C. D. Borland
AREA PRODUCTION MANAGER

P. O. Box 670
Hobbs, New Mexico 88240

March 1, 1977

Re: Navajo "JI" No's. 1 and 2,
San Juan County, Utah

State of Utah
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, UT 84116

Gentlemen:

We are in receipt of a letter dated February 22, 1977 concerning the abandonment of the subject wells and signed by the secretary to P. L. Driscoll. This is to advise that the wells have not yet been plugged and abandoned. The notice of intent to plug these wells was only recently submitted and approved by the U. S. Geological Survey. Copies of the approved U. S. Geological Survey forms are attached for your concurrence as required by Rule D-1.

You will be notified well in advance of actual plugging operations and we would welcome having a State inspector witness the operations.

Yours very truly,



C. D. BORLAND

Attachments
DTB/dch



CIRCULATE TO:

DIRECTOR	_____
PETROLEUM ENGINEER	_____
MINE CO. ENGINEER	_____
ADMINISTRATIVE ASSISTANT	_____
ALL	_____

RETURN TO Kathy / Copy Tru
FOR FILING



A DIVISION OF GULF OIL CORPORATION